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17 and (projection or display\$3 near3 data)	3

**Database:**

US Patents Full-Text Database

JPO Abstracts Database

EPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

**Refine Search:**

17 and (projection or display\$3 near3 data)

**Clear****Search History****Today's Date: 11/28/2000**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	17 and (projection or display\$3 near3 data)	3	<u>L9</u> <i>considered all</i>
USPT	17 and projection	0	<u>L8</u>
USPT	16 and (media near3 player or read\$3 near3 data)	4	<u>L7</u> <i>considered all</i>
USPT	15 and (storage near3 medium or disk)	8	<u>L6</u> <i>considered all</i>
USPT	14 and (secure near3 digital near3 imag\$3)	8	<u>L5</u>
USPT	11 or 12 or 13	16607	<u>L4</u>
USPT	((705/\$).ccls.)	5887	<u>L3</u>
USPT	((380/\$).ccls.)	5895	<u>L2</u>
USPT	((713/\$).ccls.)	7308	<u>L1</u>

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L9: Entry 2 of 3

File: USPT

Aug 4, 1998

DOCUMENT-IDENTIFIER: US 5790674 A

TITLE: System and method of providing system integrity and positive audit capabilities to a positive identification system

## DEPR:

The present invention is a system and method to develop, maintain and use a secure and authentic database of digital photographic image, signature or other data unique to individuals for positive identity verification purposes. The system includes a means for accessing the database in a secure and cost-effective manner, a means for performing positive identity verification, and a distributed database update and retrieval system, which allows for low cost operation, ease of use, stability and robustness for vast numbers of verification requests originating from worldwide locations. The present invention also includes a means that allows for accountability on the part of the user of the system, which in turn will ensure that the system is used to its fullest potential.

## DEPR:

In a credit card transactional situation, the point of verification would be the point of sale, which typically incorporates a cash register and prior art credit card verification systems. Upon presentation of a standard credit card 2, the store clerk or other individual responsible for positive identification would input the credit card account number into the point of identification terminal 1. The preferred method of inputting the credit card information would be by swiping the credit card through the standard magnetic strip reader 4, which would be capable of reading credit card account information, which is currently encoded on magnetic strips on the reverse side of virtually all credit cards. In the alternative, if the magnetic strip containing the account data is corrupted, which routinely occurs due to either wear or contact with a powerful magnetic field, the identifier would simply read the account number off of the credit card, where it is typically provided in embossed characters, and input the credit card account number into the point of identification terminal using keypad 5. Another alternate means of inputting the credit card account information into the point of verification terminal would be to utilize a coded medium such as a bar code. In this embodiment, the magnetic strip reader 4 would be replaced by a standard bar code reader to transfer its data to the code reader 4' and onto controller 7. Another embodiment of the invention would include check scanner 4", which would be used to scan checking account number information

off of a standard personal or company check, which would expand the role of the system from credit/debit card transaction identity verification to checking related transactions as well.

DEPR:

Once controller 13 verifies that the requesting point of identification terminal 3 is a valid device and has the appropriate access privilege, the terminal will be allowed to transmit an information request to the database storage site. The information request is also received by input/output controller 14, over a high speed network 15. The high speed network may be fiber distributed data interface (FDDI), asynchronous transfer mode (ATM) or any other suitable cost effective high speed network. The information request is then routed to one of a number of database servers 16-18 where the credit card account data is processed. The selected server then accesses a set of high speed, high reliability disk arrays 19-23 and retrieves the digital photographic or other image or other unique personal data associated with the account data received by the database server.

DEPR:

The retrofit terminal is added at the existing point of sale and consists of a modified controller, a display means, and a communications interface. Preferably, the display means is a miniature flat panel display, similar to the type used in the point of verification terminal described above. The display can be located on available counter space or, if space is at a premium, it can be mounted on a pedestal or the like. The retrofit terminal would be connected to a standard power source and to the existing credit card authorization hardware via its internal serial or parallel communications interface. The retrofit terminal would require the use of a modified controller. Instead of accepting the credit card account information from either a magnetic strip reader, a bar code reader, or a manual input, as is the case with the standard point of verification terminal, the retrofit terminal would accept the credit card account information from the existing credit card authorization hardware via its communications interface. The retrofit terminal would then initiate communications to a remote database site in the same manner described earlier in order to retrieve and display identifying data, such as digitized photographs or signatures of the authorized credit card users. However, unlike the standard point of verification terminal, identifier accountability would have to be provided using inputs entered by the identifier on the existing credit card authorization hardware, which would be communicated to the retrofit device via the communications interface. The retrofit terminal would then forward the identifier specific information to the remote database site for storage. The retrofit terminal could also include an optional check scanner or an optional bar code reader to allow for flexibility of use with other forms of payment such as personal or company checks or the like.

CCOR:

713/185

CCXR:

713/182

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 5832464 A

L9: Entry 1 of 3

File: USPT

Nov 3, 1998

US-PAT-NO: 5832464

DOCUMENT-IDENTIFIER: US 5832464 A

TITLE: System and method for efficiently processing payments  
via check and electronic funds transfer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 5790674 A

L9: Entry 2 of 3

File: USPT

Aug 4, 1998

US-PAT-NO: 5790674

DOCUMENT-IDENTIFIER: US 5790674 A

TITLE: System and method of providing system integrity and  
positive audit capabilities to a positive identification  
system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 3. Document ID: US 5657389 A

L9: Entry 3 of 3

File: USPT

Aug 12, 1997

US-PAT-NO: 5657389

DOCUMENT-IDENTIFIER: US 5657389 A

TITLE: Positive identification system and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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[Generate Collection](#)

Terms	Documents
17 and (projection or display\$3 near3 data)	3

Documents, starting with Document:

**Display Format:**